

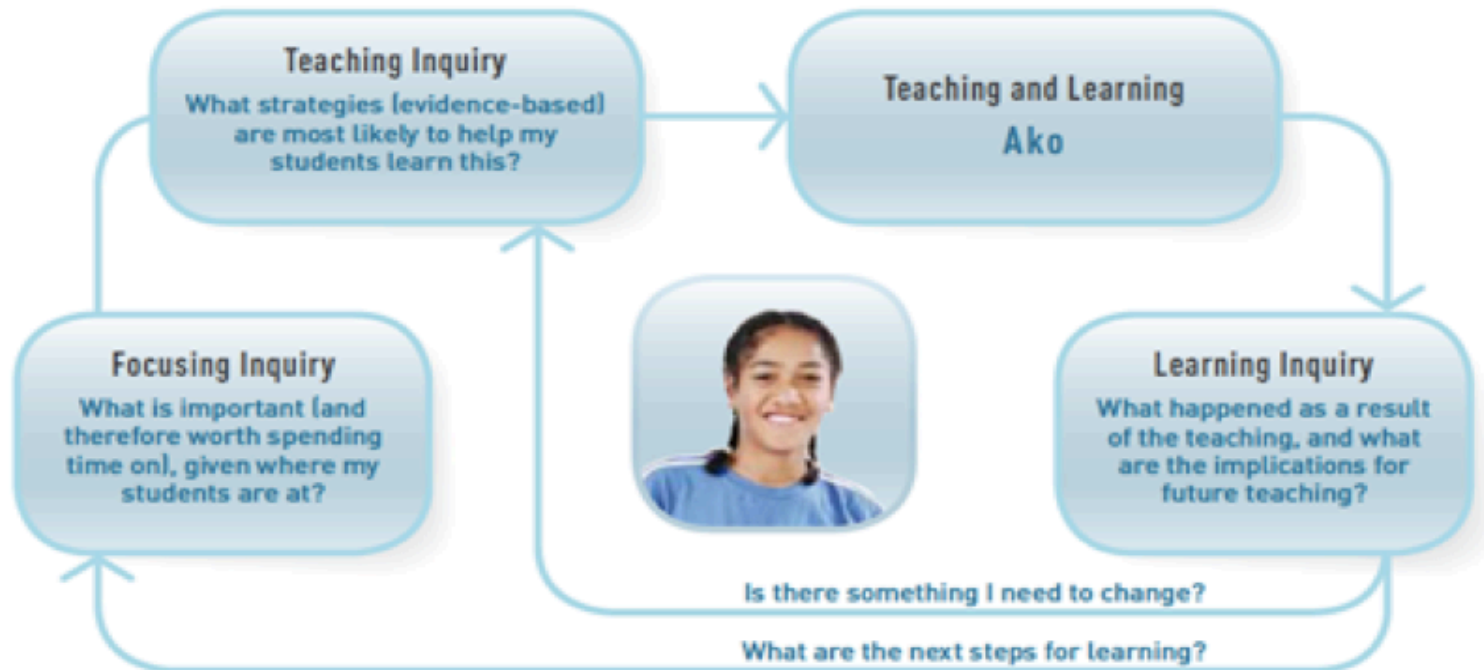
Our journey (and what you'll need)

- Infrastructure
- Staff PD (technology and pedagogy)
- Recommended apps and ways to use them
- How to find apps and evaluate them

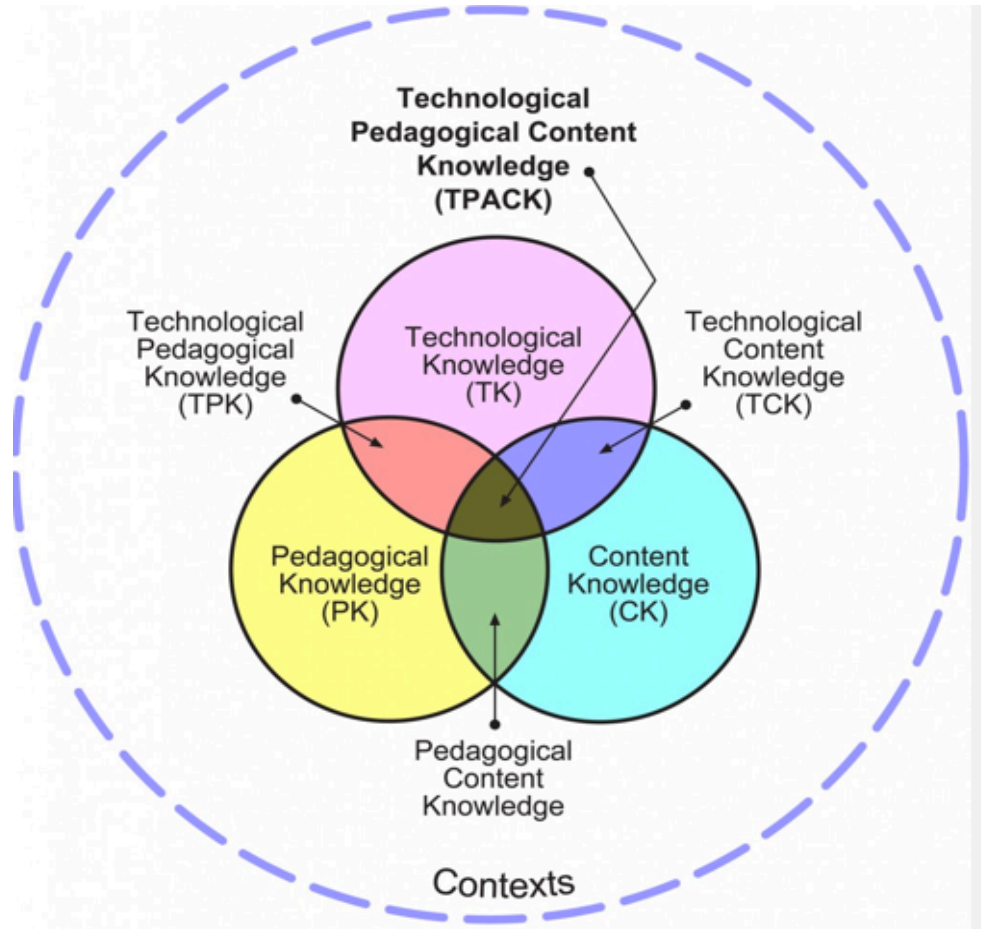
Staff Professional Development – Professional Learning Community

Teaching as inquiry

[Overview](#) | [The focusing inquiry](#) | [The teaching inquiry](#) | [The learning inquiry](#) | [References](#)



Technical, Pedagogical, Content



Shulman Pedagogical content knowledge <http://tpack.org/> Mishra & Koehler, 2006

Research an iVote app (question response)
– 3 different educational outcomes using it



Researchers 1 app 3 outcomes

iVote (question answer app)/Blooms outcome

a) choosing an answer from a list/
understanding

b) suggesting a possible answer/applying
knowledge

c) discussing possible alternatives/evaluate

i.e. social interaction, constructivism, higher order
thinking (Cheong, C., France, Cheong, 2012)

so it's not just the app but what you do with it

Research – Different pedagogy of some Maths apps

Researchers Attard & Northcote (2011)

a) drill and practice

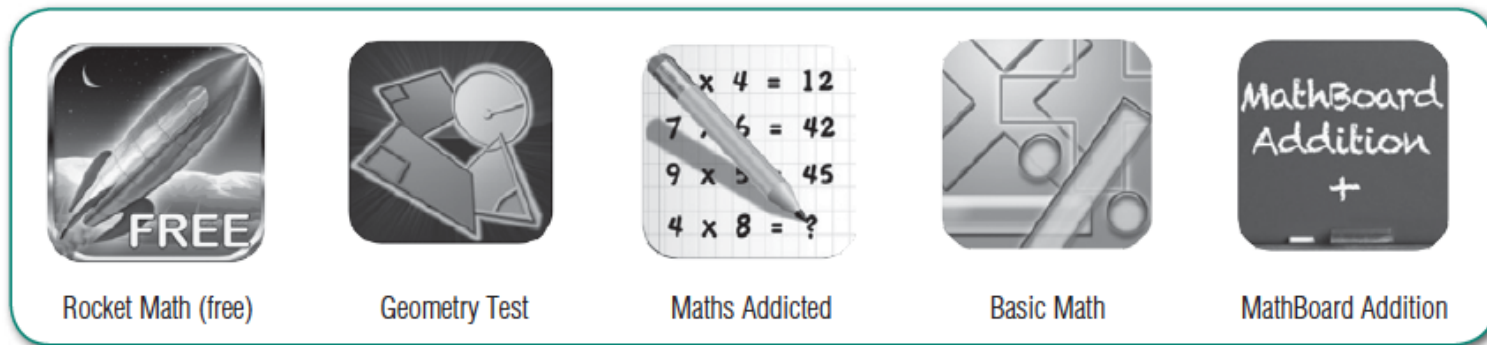


Figure 1. Fluency builders.

“can be used to increase fluency in number operations”

“offer little more than a text-book or worksheet”

Pedagogy of maths apps cont.

b) apps that support a problem-solving and investigative approach to learning mathematics;



Figure 2. Puzzles and problem solving.

- Red Dragonfly Mathematics
- “presents challenging problems” +
- “could lead to rich mathematical investigations” +
- “pages lack interactive element” -

c) Pedagogy drives the technology – tools to support teaching and learning

- World Fact book data -statistical comparisons
- iBlueprint measure (scale, area, perimeter).
- iBrainstorm students simultaneously construct diagram

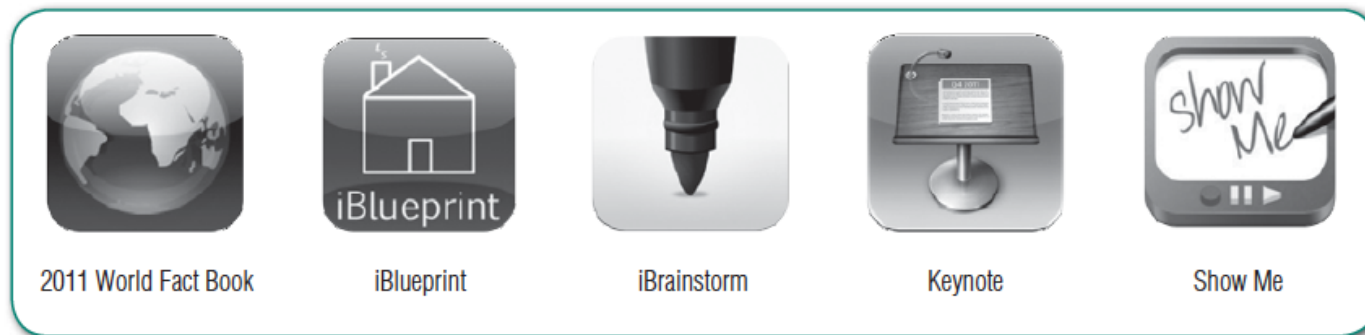


Figure 3. Tools for learning.

Pedagogy of Maths apps cont.

- ShowMe allows students to record their voices and draw. Provides a means to gather evidence and assess verbal reasoning and problem solving skills.

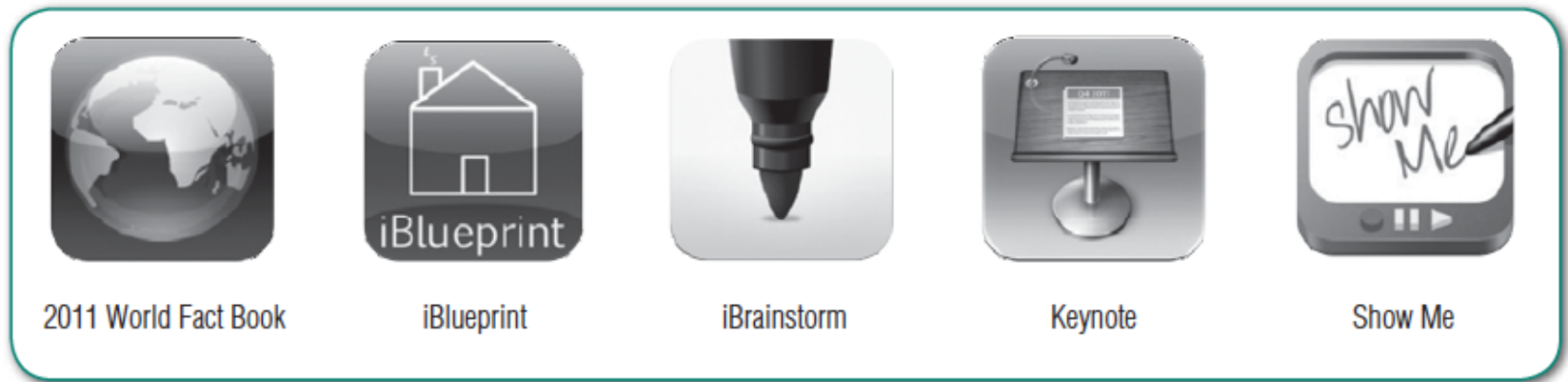


Figure 3. Tools for learning.

popplet: my board

view all

clear all



help

popplet features

draw links
quickly

resize box or text

change color

touchscreen
makes
rearranging
easy and fun!

drop any
image from
your photo
library into a
popplet

Draw
with a
finger!



- Our journey (and what you'll need)
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PLC favourite – across year levels

Sock Puppet – Literacy juniors, Presentation middle school , Intermediates Languages e.g Mandarin/French.



Apps - Notability



The collage illustrates the Notability app's features. The top-left inset shows a person using a tablet. The top-right shows a laptop screen with a document. The bottom-right shows a tablet displaying a handwritten note with annotations. The bottom-left features the text 'Visualization Organization Annotation' and 'Notability'.

Visualization
Organization
Annotation

Notability

Quality of writing

reflective

new meaning

Organic info

41

Favourite teacher apps (paid)



\$1.29 Buy App

Keynote for iPad is almost as powerful as the desktop application. This is a powerful presentation tool that has animations, slide transition and all the features to make professional slides. It allows you to open templates with graphics already inserted. This is purposely built to work seamlessly on the iPad and to allow the user to incorporate other aspects of the iWork suite. Perfect addition to any homepage.

Cost: **\$1:29**



iMovie helps you turn the HD video you shoot on your iOS device into a thrilling trailer or masterpiece worthy of the red carpet (even if it's just the one in your living room). And since iMovie is designed for Multi-Touch, all you have to do is tap, swipe, and drag to make some movie magic.

Cost: **\$6.49**



Have you ever needed to randomly pick names out of a hat and not have the necessary materials to do so? I've heard the scenario all too many times. You have the names, but what about a hat? There's not a fedora in sight. Your sleepless nights are about to end!

Other fav free apps

- e.g. iGoogdocs to access GoogleDocs
- Evernote,
- Shopshop /Wunderlist
- Dropbox



Other fav apps Blogger



Start blogging on the go with the official Blogger app!

With Blogger app for iPhone and iPod touch, you can easily publish posts with pictures, labels and location information. Also, you can view the list of posts and if you have multiple accounts or blogs, you can easily switch between them.

Blogger app will allow you to:

- Select account/blog if you have more than 1.
- Include pictures from the gallery or by taking a picture directly from the app
- Add labels
- Add location information
- Save as draft or immediately publish
- View list of saved/published posts

Cost: **Free**

Te Reo



Free App

Milly, Molly Maori Library

Description

Te Pataka a Milly me Molly includes 30 QBook's NARRATED IN TE REO MAORI, their support. ...

[Kiwa Media Web Site](#) › [Milly, Molly Maori Library Support](#) ›

What's New in Version 1.2

iTranslate

iTranslate ~ the free translator

By Sonico GmbH

Open iTunes to buy and download apps.



View In iTunes

Free

Description

iTranslate is the ultimate translation tool.
Whether you're learning a new language, traveling through other countries
iTranslate you're never again lost in translation!

[Sonico GmbH Web Site](#) ▶ [iTranslate ~ the free translator Support](#) ▶

What's New in Version 5.3.1

Bugfixes

Sign language

[App Store](#) › [Education](#) › [Remedios Apps](#)



Free App

 This app is designed for both iPhone and iPad

Learn Sign Language

Description

Learn Sign Language is a brilliant app that will introduce you to the world of communication by sign language. ...

[Learn Sign Language Support](#) ›

What's New in Version 2.0

Improved Functionality and more content

Parent community -spelling Hero

[App Store](#) › [Education](#) › [TapToLearn Software](#)



Free App

 This app is designed for both iPhone and iPad

Spelling Hero Game

Description

★ Top 10 Educational App - Fun Way to Practice Spelling! ★
★ 500,000 Spellings Practiced already ★...

[Spelling Hero Game Support](#) ›

What's New in Version 2.3

Improved sound.
Bug fixes.